Table 1- New DSS L4 Requirements

97-0938A

Data reflects RTM baseline of 5/23/97

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-05740	new	B0	functional	approved	demo	unverified			The SDSRV CI shall be capable of receiving and managing the storage of Delivered Algorithm Packages, as requested by valid Data Insert Requests.
S-DSS-05745	new	B0	functional	approved	demo	unverified			The SDSRV CI shall validate data and metadata, specified by Data Insert Requests, and return a rejection status to the requester if the data or metadata fails validation.
S-DSS-05750	new	B0	functional	approved	demo	unverified			The SDSRV CI shall reject requests to access ECS data and services that fail authorization.
S-DSS-05755	new	B1	functional	approved	demo	unverified			The SDSRV CI shall mark the previous version of a data product eligible for deletion when a new version is archived.
S-DSS-05760	new	B0	functional	approved	demo	unverified			The SDSRV CI shall be capable of receiving and managing the storage of Browse Data, as requested by valid Data Insert Requests.
S-DSS-05765	new	B0	functional	approved	demo	unverified			The SDSRV CI shall reject requests to delete EDOS Level 0 data if no equivalent Level 1A data resides in the archive.
S-DSS-05770	new	B0	functional	approved	demo	unverified			The SDSRV CI shall reject requests to delete Level 1A data, derived from EDOS Level 0 data, if no equivalent Level 1A or EDOS Level 0 data resides in the archive.
S-DSS-05780	new	B0	functional	approved	demo	unverified			The SDSRV CI shall provide the INGST CI a status indicating whether or not a Data Insert Request for the storage of data has been successful.
S-DSS-05785	new	B0	functional	approved	demo	unverified			The SDSRV CI shall delete Expedited Data 48 hours after it has been received.
S-DSS-05795	new	B0	functional	approved	demo	unverified			The SDSRV CI shall access the Granule Inventory Metadata, for each granule specified in a Data Request, in order to determine the Logical File Location for each of the granule's constituent files.
S-DSS-05800	new	B0	functional	approved	demo	unverified			The SDSRV CI shall have the capability to restore lost or unreadable Level 1A or Level 0 data from corresponding replacement products received from EDOS.
S-DSS-10570	new	B1	functional	approved	demo	unverified			The DDSRV CI shall be capable of receiving Format Descriptions (e.g., HDF Spec.).
S-DSS-22180	new	B0	functional	approved	demo	unverified			The STMGT CI shall provide the SDSRV CI a status indicating whether or not a request for the storage of data files has been

Table 1- New DSS L4 Requirements

97-0938A

Data reflects RTM baseline of 5/23/97

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									successful.
S-DSS-22190	new	B0	functional	approved	demo	unverified			The STMGT CI shall provide the requester a status indicating whether or not a request for the retrieval of data files has been successful.
S-DSS-22200	new	B0	functional	approved	demo	unverified			The STMGT CI shall return an error status to the requester in the event that the checksum calculated on a retrieved file is different than the checksum calculated for that file when it was archived.
S-DSS-22210	new	B0	functional	approved	demo	unverified			The STMGT CI shall provide a file management system that utilizes automatic tape libraries for the storage and retrieval of files.
S-DSS-22230	new	B0	functional	approved	demo	unverified			The STMGT CI shall delete Expedited Data from temporary storage 48 hours after receipt of the data.

Table 2- Modify DSS L4 Requirements

97-0938A

Data reflects RTM baseline of 5/23/97

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-00530	3285	B1	interface	approved	demo	unverified			~~The SDSRV CI shall provide Data Dictionary Information to the Data Management subsystem.~~ The SDSRV CI shall provide Collection-Level metadata to the DDICT CI.
S-DSS-20380	3677	A	functional	approved	demo	unverified			The STMGT CI shall provide the capability to continue operations ~~in a degraded mode despite hardware failures of individual archive storage devices, archive media and/or operator consoles.~~ in the event of a failure of a tape drive or a disk drive.
S-DSS-20370	11979	~~B1~~ B0	functional	approved	demo	unverified			~~The STMGT CI shall use ESDIS-approved data formats to store data.~~ The STMGT CI shall store data using ESDIS-approved file formats and file organization.
S-DSS-00695	12481	B1	functional	approved	demo	unverified			The SDSRV CI shall provide the capability to receive directories from the STMGT of all data stored by the STMGT.
S-DSS-20361	12487	B1	functional	approved	demo	unverified			~~The STMGT CI shall provide to the SDSRV directories of all stored data.~~ The STMGT CI shall have the capability to provide the SDSRV CI directories, of all stored data files, indexed by Logical File Location.
S-DSS-21510	4008	B1	evolvable	approved	demo	unverified			~~The **SDSRV** CI shall be capable of providing of 200% expansion in capacity without architecture or design change.~~ The **STMGT** CI shall have the capability to expand its storage capacity by 200% with no change to its architecture or design.

Table 3 - Delete DSS L4 Requirements

97-0938A

Data reflects RTM baseline of 5/23/97

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
~~S-DSS-03367~~	~~-9734~~	~~A~~	~~interface~~	~~approved~~	~~test~~	~~unverified~~			~~The SDSRV CI shall be capable of receiving File Format Descriptions (e.g. HDF Spec.).~~
~~S-DSS-30350~~	~~-3849~~	~~A~~	~~functional~~	~~approved~~	~~demo~~	~~unverified~~			~~The DDIST CI shall provide the capability to generate reports on the distribution activity for a period specified by operations staff.~~

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS0110#B	S-DSS-00710
DADS0110#B	S-DSS-04020
DADS0120#B	S-DSS-03070
DADS0120#B	S-DSS-05620
DADS0130#B	S-DSS-05785
DADS0140#B	S-DSS-00075
DADS0140#B	S-DSS-05740
DADS0145#B	S-DSS-05740
DADS0190#B	S-DSS-05740
DADS0200#B	S-DSS-05740
DADS0200#B	S-DSS-10040
DADS0240#B	C-CSS-61050
DADS0240#B	C-CSS-61310
DADS0260#B	S-DSS-03310
DADS0281#B	S-DSS-03292
DADS0281#B	S-DSS-03305
DADS0281#B	S-DSS-03308
DADS0281#B	S-DSS-03310
DADS0281#B	S-DSS-20000
DADS0290#B	S-DSS-03750
DADS0290#B	S-DSS-03780
DADS0290#B	S-DSS-05745
DADS0300#B	S-DSS-03370
DADS0300#B	S-DSS-05745
DADS0310#B	S-DSS-00850
DADS0310#B	S-DSS-00860
DADS0310#B	S-DSS-03370
DADS0310#B	S-DSS-03750

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS0310#B	S-DSS-03780
DADS0310#B	S-DSS-05745
DADS0310#B	S-DSS-05750
DADS0350#B	S-DSS-05775
DADS0360#B	S-DSS-00144
DADS0360#B	S-DSS-00145
DADS0360#B	S-DSS-04515
DADS0360#B	S-DSS-20622
DADS0370#B	S-DSS-00145
DADS0370#B	S-DSS-03292
DADS0370#B	S-DSS-03305
DADS0370#B	S-DSS-04360
DADS0405#B	S-DSS-00085
DADS0410#B	S-DSS-00085
DADS0410#B	S-DSS-05755
DADS0440#B	S-DSS-03002
DADS0440#B	S-DSS-03004
DADS0440#B	S-DSS-03310
DADS0440#B	S-DSS-05740
DADS0440#B	S-DSS-10570
DADS0440#B	S-DSS-10040
DADS0450#B	S-DSS-03002
DADS0450#B	S-DSS-03130
DADS0450#B	S-DSS-03004
DADS0450#B	S-DSS-03310
DADS0450#B	S-DSS-05740
DADS0450#B	S-DSS-21365
DADS0460#B	S-DSS-21365
DADS0465#B	S-DSS-03002
DADS0465#B	S-DSS-03004

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS0465#B	S-DSS-03310
DADS0465#B	S-DSS-05740
DADS0465#B	S-DSS-21365
DADS0465#B	S-DSS-10040
DADS0470#B	S-DSS-10040
DADS0470#B	S-DSS-05760
DADS0472#B	S-DSS-22230
DADS0488#B	S-DSS-05765
DADS0488#B	S-DSS-05770
DADS0490#B	S-DSS-03002
DADS0498#B	S-DSS-00710
DADS0498#B	S-DSS-04020
DADS0498#B	S-DSS-04022
DADS0498#B	S-DSS-04024
DADS0498#B	S-DSS-04026
DADS0498#B	S-DSS-04028
DADS0498#B	S-DSS-04030
DADS0498#B	S-DSS-20005
DADS0520#B	S-DSS-04028
DADS0520#B	S-DSS-00180
DADS0520#B	S-DSS-00710
DADS0520#B	S-DSS-04020
DADS0520#B	S-DSS-04022
DADS0520#B	S-DSS-04024
DADS0520#B	S-DSS-04026
DADS0520#B	S-DSS-04030
DADS0520#B	S-DSS-20005
DADS0525#B	S-DSS-30045
DADS0525#B	S-DSS-30100
DADS0570#B	S-DSS-00015

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS0570#B	S-DSS-00025
DADS0570#B	S-DSS-00850
DADS0570#B	S-DSS-00860
DADS0600#B	S-DSS-04020
DADS0600#B	S-DSS-04022
DADS0600#B	S-DSS-04024
DADS0600#B	S-DSS-04026
DADS0600#B	S-DSS-04028
DADS0600#B	S-DSS-04030
DADS0600#B	S-DSS-20005
DADS0610#B	S-DSS-00075
DADS0610#B	S-DSS-00710
DADS0610#B	S-DSS-05831
DADS0610#B	S-DSS-01675
DADS0610#B	S-DSS-03292
DADS0610#B	S-DSS-03305
DADS0610#B	S-DSS-03308
DADS0610#B	S-DSS-04020
DADS0610#B	S-DSS-04022
DADS0610#B	S-DSS-04024
DADS0610#B	S-DSS-04026
DADS0610#B	S-DSS-04028
DADS0610#B	S-DSS-04030
DADS0610#B	S-DSS-04620
DADS0610#B	S-DSS-20000
DADS0610#B	S-DSS-20005
DADS0610#B	S-DSS-20732
DADS0660#B	S-DSS-30095
DADS0660#B	S-DSS-30180
DADS0700#B	S-DSS-30100

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS0760#B	S-DSS-04020
DADS0760#B	S-DSS-04022
DADS0760#B	S-DSS-04024
DADS0760#B	S-DSS-04026
DADS0760#B	S-DSS-04028
DADS0760#B	S-DSS-04030
DADS0760#B	S-DSS-05660
DADS0760#B	S-DSS-05670
DADS0760#B	S-DSS-20005
DADS0770#B	S-DSS-05660
DADS0770#B	S-DSS-05670
DADS0780#B	S-DSS-05670
DADS0901#B	S-DSS-30210
DADS0927#B	S-DSS-30270
DADS0927#B	S-DSS-30275
DADS0927#B	S-DSS-30280
DADS0927#B	S-DSS-30285
DADS0927#B	S-DSS-30420
DADS0927#B	S-DSS-30425
DADS0927#B	S-DSS-30431
DADS0927#B	S-DSS-30670
DADS0940#B	S-DSS-00120
DADS0940#B	S-DSS-01140
DADS0940#B	S-DSS-01212
DADS0960#B	S-DSS-30345
DADS1000#B	S-DSS-00120
DADS1000#B	S-DSS-01212
DADS1000#B	S-DSS-30170
DADS1030#B	S-DSS-30270
DADS1030#B	S-DSS-30275

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS1030#B	S-DSS-30280
DADS1030#B	S-DSS-30285
DADS1030#B	S-DSS-30410
DADS1030#B	S-DSS-30415
DADS1030#B	S-DSS-30425
DADS1030#B	S-DSS-30431
DADS1030#B	S-DSS-30670
DADS1070#B	S-DSS-00095
DADS1070#B	S-DSS-03292
DADS1070#B	S-DSS-05780
DADS1070#B	S-DSS-20622
DADS1070#B	S-DSS-22180
DADS1080#B	S-DSS-01445
DADS1080#B	S-DSS-20025
DADS1085#B	S-DSS-01445
DADS1085#B	S-DSS-20045
DADS1100#B	S-DSS-00145
DADS1100#B	S-DSS-01155
DADS1100#B	S-DSS-01365
DADS1100#B	S-DSS-20670
DADS1100#B	S-DSS-21390
DADS1100#B	S-DSS-21460
DADS1110#B	S-DSS-30275
DADS1110#B	S-DSS-30285
DADS1110#B	S-DSS-30410
DADS1110#B	S-DSS-30415
DADS1110#B	S-DSS-30420
DADS1110#B	S-DSS-30425
DADS1110#B	S-DSS-30431
DADS1110#B	S-DSS-30670

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS1114#B	S-DSS-30280
DADS1114#B	S-DSS-30425
DADS1160#B	S-DSS-00165
DADS1160#B	S-DSS-03305
DADS1160#B	S-DSS-22190
DADS1180#B	S-DSS-00075
DADS1230#B	S-DSS-00075
DADS1230#B	S-DSS-00710
DADS1230#B	S-DSS-03292
DADS1230#B	S-DSS-03305
DADS1230#B	S-DSS-03308
DADS1230#B	S-DSS-04020
DADS1230#B	S-DSS-04022
DADS1230#B	S-DSS-04024
DADS1230#B	S-DSS-04026
DADS1230#B	S-DSS-04028
DADS1230#B	S-DSS-04030
DADS1230#B	S-DSS-20000
DADS1230#B	S-DSS-20005
DADS1235#B	S-DSS-05785
DADS1300#B	S-DSS-20034
DADS1300#B	S-DSS-20085
DADS1300#B	S-DSS-20220
DADS1300#B	S-DSS-20250
DADS1300#B	S-DSS-22170
DADS1300#B	S-DSS-30410
DADS1310#B	S-DSS-20034
DADS1310#B	S-DSS-20046
DADS1310#B	S-DSS-20048
DADS1320#B	C-MSS-60012

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS1320#B	C-MSS-60130
DADS1320#B	S-DSS-00377
DADS1320#B	S-DSS-00630
DADS1320#B	S-DSS-01760
DADS1320#B	S-DSS-20085
DADS1320#B	S-DSS-30410
DADS1330#B	C-MSS-60012
DADS1330#B	C-MSS-60130
DADS1330#B	S-DSS-00377
DADS1330#B	S-DSS-00630
DADS1330#B	S-DSS-01760
DADS1330#B	S-DSS-20085
DADS1330#B	S-DSS-30410
DADS1340#B	S-DSS-00800
DADS1370#B	S-DSS-05775
DADS1370#B	S-DSS-22200
DADS1375#B	S-DSS-20330
DADS1375#B	S-DSS-20634
DADS1375#B	S-DSS-20740
DADS1450#B	S-DSS-00075
DADS1450#B	S-DSS-03002
DADS1450#B	S-DSS-03305
DADS1450#B	S-DSS-03308
DADS1450#B	S-DSS-05800
DADS1450#B	S-DSS-20000
DADS1472#B	S-DSS-00040
DADS1472#B	S-DSS-00052
DADS1472#B	S-DSS-00057
DADS1472#B	S-DSS-00210
DADS1472#B	S-DSS-01090

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS1472#B	S-DSS-01970
DADS1472#B	S-DSS-20550
DADS1472#B	S-DSS-20560
DADS1472#B	S-DSS-21235
DADS1472#B	S-DSS-21245
DADS1472#B	S-DSS-21274
DADS1472#B	S-DSS-21570
DADS1472#B	S-DSS-30090
DADS1472#B	S-DSS-30095
DADS1472#B	S-DSS-30100
DADS1472#B	S-DSS-30180
DADS1520#B	S-DSS-22210
DADS1620#B	C-MSS-66001
DADS1620#B	C-MSS-66002
DADS1620#B	C-MSS-66100
DADS1620#B	S-DSS-00377
DADS1630#B	S-DSS-20220
DADS1630#B	S-DSS-20250
DADS1630#B	S-DSS-20255
DADS1630#B	S-DSS-20420
DADS1630#B	S-DSS-20650
DADS1630#B	S-DSS-20660
DADS1630#B	S-DSS-20740
DADS1630#B	S-DSS-30660
DADS1780#B	S-DSS-00145
DADS1780#B	S-DSS-04365
DADS1780#B	S-DSS-04372
DADS1780#B	S-DSS-04374
DADS1780#B	S-DSS-04375
DADS1780#B	S-DSS-04378

Table 4 - Add DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
DADS1780#B	S-DSS-04400
DADS1780#B	S-DSS-04410
DADS1780#B	S-DSS-04420
DADS1780#B	S-DSS-04430
DADS1780#B	S-DSS-04440
DADS1780#B	S-DSS-04450
DADS1780#B	S-DSS-04470
DADS1780#B	S-DSS-04480
DADS1780#B	S-DSS-04490
DADS1795#B	S-DSS-00144
DADS1795#B	S-DSS-00145
DADS1795#B	S-DSS-04021
DADS1795#B	S-DSS-04515
DADS1800#B	S-DSS-00145
DADS1800#B	S-DSS-21390
DADS1806#B	S-DSS-00145
DADS1806#B	S-DSS-04020
DADS1806#B	S-DSS-04024
DADS1806#B	S-DSS-04026
DADS1806#B	S-DSS-04030
DADS1806#B	S-DSS-05795
DADS1806#B	S-DSS-20005

Table 5 - Delete DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
~~DADS0140#B~~	~~S-DPS-30910~~
~~DADS0190#B~~	~~C-CSS-60500~~
~~DADS0190#B~~	~~C-CSS-60510~~
~~DADS0190#B~~	~~C-CSS-60520~~
~~DADS0190#B~~	~~C-CSS-60600~~
~~DADS0190#B~~	~~C-CSS-60610~~
~~DADS0190#B~~	~~C-CSS-60620~~
~~DADS0190#B~~	~~C-CSS-60630~~
~~DADS0190#B~~	~~C-CSS-60640~~
~~DADS0190#B~~	~~C-CSS-60650~~
~~DADS0190#B~~	~~S-DSS-03030~~
~~DADS0412#B~~	~~C-CSS-40120~~
~~DADS0440#B~~	~~S-DSS-03600~~
~~DADS0440#B~~	~~S-DSS-10170~~
~~DADS0440#B~~	~~S-DSS-10250~~
~~DADS0450#B~~	~~S-DSS-03130~~
~~DADS0488#B~~	~~S-DSS-20005~~
~~DADS0490#B~~	~~S-DSS-20005~~
~~DADS0520#B~~	~~S-DSS-00180~~
~~DADS0570#B~~	~~S-DSS-00140~~
~~DADS0570#B~~	~~S-DSS-01476~~
~~DADS0570#B~~	~~S-DSS-01478~~
~~DADS0570#B~~	~~S-DSS-01492~~
~~DADS0700#B~~	~~S-CLS-13400~~
~~DADS0740#B~~	~~S-DSS-00264~~
~~DADS0760#B~~	~~S-DSS-20430~~
~~DADS0770#B~~	~~S-CLS-13400~~
~~DADS0800#B~~	~~S-CLS-13400~~
~~DADS0940#B~~	~~C-MSS-36575~~
~~DADS0960#B~~	~~C-MSS-36575~~

Table 5 - Delete DSS L4 Links to RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	L4 id
~~DADS1010#B~~	~~S-DSS-21100~~
~~DADS1010#B~~	~~S-DSS-30170~~
~~DADS1030#B~~	~~S-INS-00408~~
~~DADS1030#B~~	~~S-INS-00409~~
~~DADS1310#B~~	~~S-DSS-21330~~
~~DADS1340#B~~	~~S-DSS-30165~~
~~DADS1510#B~~	~~S-INS-00060~~
~~DADS1510#B~~	~~S-INS-00170~~
~~DADS1510#B~~	~~S-INS-00220~~
~~DADS1510#B~~	~~S-INS-00230~~
~~DADS1806#B~~	~~S-DSS-04515~~
~~DADS1806#B~~	~~S-DSS-04517~~
~~DADS1806#B~~	~~S-DSS-20365~~

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
DADS0110#B	3462	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders	~~B: TRMM, AM-1, Landsat-7 products~~ Documents and product status dialog are implemented in B1; product orders are implemented in B0.
DADS0120#B	6122	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive from the PGS, at a minimum, the following: a. L1-4 products b. (DELETED) c. Metadata d. Calibration e. Algorithms f. Schedule g. Status	~~B: Release B data described in the Data Type Matrix.~~ Items a, c, d, e, and f, are implemented in B0 as specified in the Data Type Services Matrix. "Status" is the receipt of a Data Insert request from PGS and is supported in B0. "Schedule" is production plans received from PGS.
DADS0140#B	3465	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive from other DAACs, at a minimum, the following for the purpose of product generation: a. L0-L4 b. Metadata c. Ancillary data d. Calibration data e. Correlative data f. Documents g. Algorithms	~~B: full capability~~ Items a, b, c, d, e, and g are implemented in B0 as specified in the Data Type Services Matrix; documents are supported in B1.
DADS0145#B	9074	B0	mission critical	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of receiving from the ADCs, at a minimum, the following for the purpose of product generation: a. L0-L4 equivalent data sets b. Metadata c. Ancillary data d. Calibration data e. Correlative data f. Documents g. Algorithms	In accordance with the ICD with NOAA, there are no current plans to receive from NOAA either calibration data, correlative data, algorithms or documents (items d through ~~f~~ g). Items a, b, c, and d are implemented in B0 as specified in the Data Type Services Matrix.
DADS0190#B	3472	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive from the SCF, at a minimum, the following: a. Special products (L1-L4) b. Metadata c. Ancillary data	~~B: Ingest and transfer of all other data~~ Items a, b, c, d, e, and g are implemented in B0 as specified in the Data Type Services Matrix; documents are supported

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
										d. Calibration data e. Correlative data f. Documents g. Algorithms	in B1.
DADS0200#B	9076	B0B1	mission critical	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive from the IPs at a minimum, the following: a. L0-L4 data products b. Orbit/attitude data c. Metadata associated with data sets d. Ancillary data e. Calibration data f. Correlative data g. Documents h. Algorithms	~~B: ASTER GDS INTERFACES IS TO EDC DAAC ONLY. DATA AVAILABLE SCHEDULES FROM EDOS. B: ASTER GSD INTERFACES TO EDC DAAC ONLY.B: ASTER LEVEL 1A + 1B, METADATA, CALIBRATION DATA; ALSO, ASTER PRODUCTS, ANCILLARY DATA, CORRELATIVE DATA (ON REQUEST)~~ Items a, b, c, d, e, f, and h are implemented in B0 as specified in the Data Type Services Matrix; documents are supported in B1.
DADS0210#B	3474	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of receiving, at a minimum, the following types of EOS instrument data in support of pre-launch checkout of the ground system: a. Real EOS instrument data b. Simulated EOS instrument data	~~Rel B: Data server receipt of real and simulated data.~~ This is implemented in B0 as specified in the Data Type Services Matrix.
DADS0220#B	3475	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall accept, at a minimum, the following data types in support of development of initial calibration: a. Instrument calibration data b. Scientific calibration	This is implemented in B0 as specified in the Data Type Services Matrix.
DADS0240#B	3476	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall accept from the SMC, at a minimum, detailed science plans.	Implemented by email in B0.
DADS0260#B	3478	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall receive non-EOS correlative and ancillary digital data.	B0: AM-1 ancillary and correlative data
DADS0281#B	3479	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of ingesting and storing data to support the instrument science team(s) in: a. Pre-launch checkout of their instruments b. Pre-launch science checkout c. Development of initial calibration information	This is implemented in B0 for the data types specified in the Data Type Services Matrix
DADS0290#B	3481	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall check all metadata and data it receives. For each type of data	Metadata checking is implemented for data types, as specified in the Data Type

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
										described by the metadata, the data shall be checked for the presence of required fields, error-free input, correctness of the data set granule size, and other checks as required.	Services Matrix. Data file content checking is not supported.
DADS0300#B	8002	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall generate status information indicating the success or failure of metadata and data consistency checks.	~~Full capability~~ This is implemented in B0 for data types, as specified in the Data Type Services Matrix.
DADS0310#B	3483	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall verify that data received came from an approved/authorized source.	
DADS0360#B	3486	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall augment PGS-generated metadata with DADS-generated metadata.	
DADS0370#B	3487	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide the IMS with metadata on newly stored data granules.	Applies to the update of the Metadata Database managed by the SDSRV CI. This is implemented in B0 for data types, as specified in the Data Type Services Matrix.
DADS0405#B	3488	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide the capability to archive multiple versions of selected archive data.	There is a meeting planned to discuss resolution of this requirment being fulfilled in B0 or B1."Selected archive data" means Level 1b and above.
DADS0410#B	3489	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall archive the current version of a product, making the preceding version of a product eligible for deletion.	
DADS0440#B	3494	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide storage, at a minimum, for the following EOS data: a. Standard Products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms h. Format descriptions (e.g., HDF spec.)	~~B: Release B products for the missions as decribed in the table in the SOW.~~Items a, b, c, d, e, g are supported in B0 for data types, as specified in the Data Type Services Matrix. Storage for documents, including “format descriptions”, is supported in B1.
DADS0450#B	3495	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide storage, at a minimum, for the following scientist provided data: a. Special data products b. Associated correlative data sets	~~This capabililty is provided to scientists in Release B/C/D~~ Items a, b, c, d, e (except “articles”), f, g are supported in

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
										c. Associated ancillary data sets d. Associated calibration data sets e. Research results (articles, algorithms, data sets, software) f. Instrument characterization data sets g. Associated Metadata	B0 for data types, as specified in the Data Type Services Matrix. Storage for articles is supported in B1.
DADS0460#B	3496	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide storage at a minimum, for non-EOS data required for Standard Product production by the PGS.	~~B: Release B products for the missions as described in the table in the SOW.~~ Supported in B0 for data types, as specified in the Data Type Services Matrix.
DADS0465#B	3497	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	~~B: Release B products for the missions as described in the table in the SOW.~~ Items a, b, c, d, e, and g are supported in B0 for data types, as specified in the Data Type Services Matrix. Storage for documents is supported in B1.
DADS0470#B	3498	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The EDC DADS shall provide storage for the following Landsat 7 data: a. Level OR data b. Associated metadata and browse c. IGS metadata and browse d. Associated calibration and metadata e. Calibration updates and metadata f. Documents g. Algorithms h. Activity Calendar i. Engineering Data	Items a, b, c, d, e, g, and i are supported in B0 for data types, as specified in the Data Type Services Matrix. Storage for documents, including "Activity Calendar", is supported in B1.
DADS0472#B	9385	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The ECS DADS shall provide the capability to temporarily store and provide access to an average of 4 scenes per day up to a maximum of 10 scenes per day of ASTER Level 1A and 1B expedited data.	
DADS0487#B	3500	B0	mission critical	SDPS	functional	inspection	un-verified	inspection	un-verified	Each DADS shall be capable of storing EDOS production data sets (Level 0) for at least one year from the date they are ingested.	~~B: full capability, ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS~~ This is implemented in B0 at the LaRC and GSFC DAACs.

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
DADS0488#B	9079	B0	mission critical	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall archive the EDOS production data sets (Level 0) received from EDOS, or the equivalent Level 1A data.	~~B: ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS LARC DAACS WILL INTERFACE WITH EDOS~~ This is implemented in B0 at the LaRC and GSFC DAACs.
DADS0490#B	3502	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall archive Level 1B - Level 4 data products.	~~B: Release B products for the missions as decribed in the table in the SOW.~~ This is implemented in B0 for data types, as specified in the Data Type Services Matrix.
DADS0498#B	8560	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each designated DADS shall receive standing and retrospective product orders from the IMS.	~~Standing Order = Subscription Request; Retrospective Order = Data Request~~ ~~B: On-demand Data Requests, time-based subscriptions~~ Standing orders are supported by the CSS Subscription Service. The capability to process Data Requests, as a result of either standing orders or retrospective orders, is provided in B0.
DADS0520#B	3505	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall accept requests for data needed for Standard Product production.	This is implemented in B0 for data types, as specified in the Data Type Services Matrix.
DADS0525#B	8566	B0B1	mission essential	SDPS	functional | operational	test	un-verified	test	un-verified	Each DADS shall accept updates/cancellations of data order requests.	In B0, the operations staff is provided the capability to either cancel a queued Distribution Request or change the priority of a queued Distribution Request.
DADS0570#B	3509	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall verify product orders from the IMS.	The capability to check the format of product orders and to verify that the requester is authorized is provided.
DADS0600#B	3511	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall accept requests from the IMS to distribute data archived in the DADS to requesting users.	This capability is supported in B0 for data types, as specified in the Data Type

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
											Services Matrix.
DADS0610#B	8580	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall support reprocessing.	B0 supports the processing of Data Insert Requests, Data Requests, and Data Delete Requests received from the PGS.
DADS0660#B	3513	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a database of orders which shall include at a minimum: priorities, distribution directions, and all other details necessary to process orders including standing and multi-DADS orders.	B0 supports this capability with a queue of Distribution Requests maintained by the DDIST CI.
DADS0680#B	3514	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall have the capability to support all required requests and shall grow as demand expands.	~~Capacity issue~~ B0 provides expansion capabilities.
DADS0690#B	3515	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall support the prioritized retrieval and delivery of data based on the priority information specified in the data retrieval request.	Implemented in B0 by means of the queue of Distribution Requests maintained by the DDIST CI.
DADS0700#B	3516	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of complying with data transfer cancellation or delay notifications.	In B0, the operations staff is provided the capability to either cancel a queued Distribution Request or change the priority of a queued Distribution Request. Also, B0 supports the capability to cancel or suspend an ingest request.
DADS0760#B	9175	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The DADS shall distribute data in approved standard formats including HDF and the Landsat 7 standard format (Landsat data only.)	Data shall be distributed in HDFEOS format except Landsat data, which will be distributedin the format defined in the the Landsat Product Data Format Control Book (DFCB).
DADS0770#B	8585	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The DADS shall reformat data sets in one of the approved standard formats including HDF.	~~Convert~~ In B0 the capability is provided to convert certain products from native format to EOS-HDF, on input. Also the capability is provided to extract ASCII and binary data from HDF files for distribution.
DADS0	3524	B0B	mission	SDPS	functional	test	un-	test	un-	The DADS element shall collect the management	Configuration management data is

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
901#B		1	essential				verified		verified	data used to support the following system management functions: a. Fault Management b. Configuration Management c. Accounting Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management h. Distribution and Ingest Management	collected by MSS; User Profile information is obtained by MSS via a MSS operator interface; Performance Management data is collected by MSS; Scheduling information is provided by FOS and the Planning Subsystem, and is stored by DSS.
DADS0927#B	3527	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall generate and send to SMC reports of the status of the distribution of data.	This capability is implemented in by logging status and error messages to the MSS event log.
DADS0940#B	3529	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall send distribution status to the IMS in response to distribution status requests from the IMS.	-
DADS0960#B	3530	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall automatically send data distribution status to the IMS upon completion of the distribution process.	
DADS1000#B	3531	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	The DADS shall receive distribution status requests from the collocated PGS.	
DADS1010#B	3532	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall send to the requesting PGS or IMS, staging status of requests for retrieval of data products.	The capability to notify the requesting client that a Data Request has completed is implemented in B0.
DADS1030#B	3534	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall generate data distribution status to monitor the progress of the distribution process.	Distribution status is logged to the Event Log in B0.
DADS1070#B	3535	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	The DADS shall send data check and storage status to the provider of ingest data.	The data provider is sent the storage status.
DADS1080#B	3536	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a data receipt log.	
DADS1085#B	3537	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a data access log.	
DADS1100#B	3538	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a log of all updates to the local inventory. The log shall be used to generate status reports and, in conjunction with the inventory backup, recreate the local inventory in the event of catastrophic failure.	This is implemented in with data base transaction logs.

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
DADS1110#B	3539	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a data distribution log.	
DADS1114#B	3540	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall maintain a log of staging activity.	This is implemented in by logging the completion of Electronic Distribution Requests.
DADS1160#B	3541	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide the IMS with metadata reflecting changes as a result of: a. Purges b. Transfers to other site(s) c. Unexpected loss d. Updates	In B0, the SDSRV CI Metadata Database will be updated to reflect the addition and deletion of data and the update of metadata.
DADS1180#B	3542	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide the collocated PGS with data storage and retrieval capabilities.	
DADS1230#B	3544	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of providing temporary storage for a collocated PGS.	
DADS1300#B	3545	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall display all faults to the system operators.	~~Full compatibility~~
DADS1310#B	3546	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall track and report to the SMC problems such as missing or corrupted files requiring restoration or regeneration of data.	~~B: Track and report problems~~ This is implemented by means of error messages sent to the Event Log.
DADS1320#B	3547	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide to the SMC fault isolation information at the DADS system and subsystem levels.	This is implemented by means of error messages sent to the Event Log and by the MSS Fault Management Application Service.
DADS1330#B	3548	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide information to support fault isolation between the DADS and other ECS-unique elements and external interfaces to the LSM.	This is implemented by means of error messages sent to the Event Log and by the MSS Fault Management Application Service.
DADS1340#B	3549	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall use tools to analyze system performance.	
DADS1370#B	6859	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall provide a mechanism for statistically monitoring both the raw and corrected bit error rate (BER) of storage media in the archive.	~~B: full compatibility~~

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
DADS1375#B	9164	B1	mission essential	SDPS	functional | operational	test	un-verified	test	un-verified	Each DADS shall provide automatic management and copying/refresh of archive media.	The DADS will automatically maintain statistics on I/O errors associated with the use of each media drive and media cartridge. The copy/refresh of archive media will be operator-initiated. This capability is implemented in B1.
DADS1450#B	3556	B0B1	mission critical	SDPS	functional	test	un-verified	test	un-verified	Each DADS shall be capable of screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product.	Applies to AM-1 spacecraft data archived at LaRC and GSFC. Detection of missing archive holdings occurs only when an attempt is made to retrieve data in response to a Data Request. The request for a replacement product is performed by the operations staff.
DADS1472#B	7175	B0	mission critical	SDPS	performance	demo	un-verified	demo	un-verified	Each DADS shall contain the appropriate capacity to respond to contingencies, scheduling problems, and peak loads.	~~B: TRMM, AM-1, operations staff adjustment of capability~~ During B0 time frame capabilities are provided to queue Distribution Requests, alter their priority, and display resource utilization. During B1, queuing capabilities will be expanded to the DSS.
DADS1520#B	3561	B0B1	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Each DADS shall provide an FSMS. Storage shall be based on a hierarchy of devices and media, with location-transparent access to the files.	This is supported in B0 by the use of the AMASS "archive database" and custom code for the management of storage on the staging disks.
DADS1530#B	3562	B0	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Each DADS shall maintain a file directory of all files under its control.	This is implemented by the combination of the AMASS Archive Database and the Metadata Database.
DADS1550#B	3564	B0B1	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Operations/systems personnel shall be able to access, list, or modify the contents of the file directory in a special privileged mode.	The capability to display records in the AMASS archive database is provided in B0
DADS1620#B	3566	B0B1	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	At each DADS tools shall be available for operations/systems/maintenance personnel to monitor performance, carry out maintenance, and alter operating parameters.	~~B: Change and display storage performance parameters~~
DADS1	3567	B0B	mission	SDPS	functional	demo	un-	demo	un-	At each DADS tools shall be provided for recovery	This is implemented in B0 by means of

Table 6 - Update DADS RBR#B

97-0938A

Data reflects RTM baseline of 5/23/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	text	interpretation text
630#B		1	essential				verified		verified	of data from failed media and devices.	database and file backup/restore capabilities.
DADS1700#B	3569	B0B1	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified	Where appropriate, the DADS shall comply with the evolving guidelines and standards emerging from the IEEE-CS MSS Reference Model.	The DADS will comply with ESDIS-approved standards in B0.
DADS1780#B	3573	B0	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Each DADS shall provide the capability to store as a single entity logically grouped sets of data.	This is supported in B0 by providing data references between each data granule and the data sets which are logically associated with the data granule.
DADS1795#B	3576	B0	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Each DADS shall update internal file directories with the unique Data set ID.	
DADS1800#B	3577	B0	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	Each DADS shall maintain data storage inventories defining the physical location of files.	